

**AMENDMENTS TO THE SPECIFICATION**

Please amend the specification as follows.

Please replace the paragraph appearing at column 14, lines 30-45, with the following amended paragraph:

The reforming apparatus according to a sixth preferred embodiment will be described. This reforming apparatus is of a structure, as shown in Fig.6, in which in the first embodiment the raw material supply path 6 is a coil pattern arranged around the outer side of the shift reaction unit 3 and the CO oxidation unit 4. The structure is sufficient to preheat the raw material supply path 6 by heat of the shift reaction unit 3 and the CO oxidation unit 4. Utilization of extra heat from the shift reaction unit 3 and the CO oxidation unit 4 for preheating the raw material supply path 6 realizes effective use of heat source and decreases heat loss. Thus, cooling of the outside surface of the CO oxidation unit is obtainable by at least one of atmospheric cooling and a combination of raw material and water cooling of the outside surface.